DOCUMENT RESUME

ED 404 159 SE 059 683

TITLE	Project Haystack: The Search for Life in the Galaxy.
INSTITUTION	Search for Extraterrestrial Intelligence Inst., Mountain View, CA.
REPORT NO	ISBN-1-56308-328-0
PUB DATE	Mar 96
NOTE	261p.; Includes a videotape, poster, and transparencies.
AVAILABLE FROM	Teacher Ideas Press, P.O. Box 6633, Englewood, CO 80155-6633; phone: 800 237-6124.
PUB TYPE	Guides - Classroom Use - Teaching Guides (For Teacher) (052)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	*Astronomy; Cooperative Learning; Earth Science; *Educational Resources; *General Science; *Hands on Science; Laboratory Equipment; Maps; Science Activities; Science and Society; Science Curriculum; *Science Process Skills; Secondary Education; Space Exploration

ABSTRACT

Produced by the Search for Extraterrestrial Intelligence (SETI), Project Haystack presents scenarios that depict various aspects of the search for extraterrestrial intelligence. Students conduct hands-on and minds-on activities while exploring what it means to send and receive a message across interstellar distances. Students explore and map vast reaches of the Milky Way galaxy; build, test, and experiment with spectroscopes and a radio receiver while learning the importance of these tools to astronomers; find a simulated signal that has been sent through space from somewhere in the cosmic "haystack"; and decipher the meaning of the message they received. In a final mission, students imagine the impact on our culture of receiving a message from extraterrestrial intelligence by role-playing various special interests in a mock conference. Throughout the curriculum and its activities, students work in cooperative teams and build on the knowledge of previous missions to help them understand the complexity of sending and receiving interstellar radio signals. (DDR)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****